

From: Wong.Herman@epamail.epa.gov
To: Jen.Mark@epamail.epa.gov
Date: 1/31/2013 2:08:44 PM
Subject: Re: Fw: Prevention of Significant Deterioration Air Quality Reviews

Mark:

The PSD program has been delegated to AK DEC. Hence, the only reason I would be involved with the review of the PSD permit application is if Alan Schuler requested my assistance and if Donlin uses an unapproved modeling technique that requires R10 (my) approval. Alan and I have been communicating when necessary for several years.

Nevertheless, it is in our best interest to work with AK DEC to insure that for common technical areas in the NEPA document and PSD permit application, we are using the same assumptions, data, information and models. This would include:

1. Preconstruction air quality monitoring data for background
2. Preconstruction meteorological monitoring data for modeling
3. Emission Inventories
4. Ambient air definition
5. Predicted concentrations

(Note: Predicted concentrations could be different if the PSD application is submitted after the final NEPA document and Donlin obtains more refined and better engineering information for the modeling analysis.)

We will diverge in terms of requiring more analyses because NEPA is full disclosure while the PSD regulations require specific information in the application.

For engineering support, I already asked Zach Hedgpeth several months ago. Zach also works in OEA.

Herman Wong
 Regional Atmospheric Scientist/Modeling Contact
 USEPA Region 10
 Office of Environmental Assessment (OEA-095)
 1200 Sixth Ave, Suite 900
 Seattle, WA 98101-1128
 206.553.4858
 Email: wong.herman@epa.gov

Mark Jen---01/31/2013 11:54:05 AM---Hi Herman, Since you have been working with ADEC and Donlin on the Air modelling issues, are you als

From: Mark Jen/R10/USEPA/US
 To: Herman Wong/R10/USEPA/US@EPA,
 Cc: Davis Zhen/R10/USEPA/US@EPA
 Date: 01/31/2013 11:54 AM
 Subject: Fw: Prevention of Significant Deterioration Air Quality Reviews

Hi Herman,

Since you have been working with ADEC and Donlin on the Air modelling issues, are you also involved with the PSD review?
 Thanks.

Mark S. Jen | Environmental Scientist
 | U.S. Environmental Protection Agency | Region 10 |
 | Alaska Operations Office | 222 W Seventh Avenue #19 | Room 537 |
 | Anchorage, Alaska 99513-7588 |
 | Office: 907-271-3411 | Cell: 907-602-8495 | Fax: 907-271-3424 |
 | E-mail: jen.mark@epa.gov |

--- Forwarded by Mark Jen/R10/USEPA/US on 01/31/2013 10:53 AM ---
 9/13/2018

From: Davis Zhen/R10/USEPA/US

Mark,

I checked with my permit writers, neither have been contacted by Donlin nor ADEC for PSD reviews.

Thanks,

Davis Zhen
Federal and Delegated Air Programs
1200 Sixth Avenue Suite 900
M/S AWT - 107
Seattle, WA 98101
Tel: (206) 553-7660
Fax: (206) 553-0110

Mark Jen---01/30/2013 01:54:05 PM---Hi Davis, Just to follow up, has anyone from your staff been contacted by Donlin Gold LLC or ADEC to

From: Mark Jen/R10/USEPA/US
To: Davis Zhen/R10/USEPA/US@EPA
Date: 01/30/2013 01:54 PM
Subject: Re: Prevention of Significant Deterioration Air Quality Reviews

Hi Davis,

Just to follow up, has anyone from your staff been contacted by Donlin Gold LLC or ADEC to conduct a PSD review for the Donlin Gold Project in Alaska? Thanks

Mark S. Jen | Environmental Scientist
| U.S. Environmental Protection Agency | Region 10 |
| Alaska Operations Office | 222 W Seventh Avenue #19 | Room 537 |
| Anchorage, Alaska 99513-7588 |
| Office: 907-271-3411 | Cell: 907-602-8495 | Fax: 907-271-3424 |
| E-mail: jen.mark@epa.gov |

Davis Zhen---01/11/2013 01:09:14 PM---Hi Mark, My unit does the PSD reviews, I will check with my permit writers to see whether we have c

From: Davis Zhen/R10/USEPA/US
To: Mark Jen/R10/USEPA/US@EPA
Date: 01/11/2013 01:09 PM
Subject: Re: Prevention of Significant Deterioration Air Quality Reviews

Hi Mark,

My unit does the PSD reviews, I will check with my permit writers to see whether we have capacity to conduct a review. We are quite short handed here.

Thanks,

9/13/2018

Davis Zhen
Federal and Delegated Air Programs
1200 Sixth Avenue Suite 900
M/S AWT - 107
Seattle, WA 98101
Tel: (206) 553-7660
Fax: (206) 553-0110

Mark Jen---01/11/2013 01:52:59 PM---Hi Davis, I am coordination the Donlin Gold Project EIS in Alaska. I wanted to clarify with you whe

From: Mark Jen/R10/USEPA/US
To: Davis Zhen/R10/USEPA/US@EPA
Date: 01/11/2013 01:52 PM
Subject: Prevention of Significant Deterioration Air Quality Reviews

Hi Davis,

I am coordination the Donlin Gold Project EIS in Alaska. I wanted to clarify with you whether your unit is responsible for conducting PSD Air Quality Reviews for the ADEC permit on this project?

Can you let me know who the reviewer is for this project? Thank you.

Mark S. Jen | Environmental Scientist
| U.S. Environmental Protection Agency | Region 10 |
| Alaska Operations Office | 222 W Seventh Avenue #19 | Room 537 |
| Anchorage, Alaska 99513-7588 |
| Office: 907-271-3411 | Cell: 907-602-8495 | Fax: 907-271-3424 |
| E-mail: jen.mark@epa.gov |